

REINFORCING IN ACCORDANCE WITH ASTM A615.

NOTES:

STANDARD PRECAST REDUCER AND RISER UNITS

VIRGINIA DEPARTMENT OF TRANSPORTATION

7. "D" IS NOMINAL DIAMETER.

FLAT SLAB

R-2

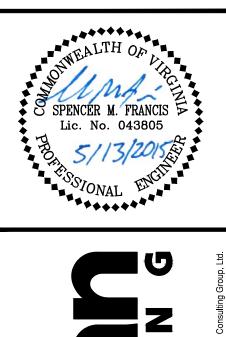
♦ LIFT HOLES

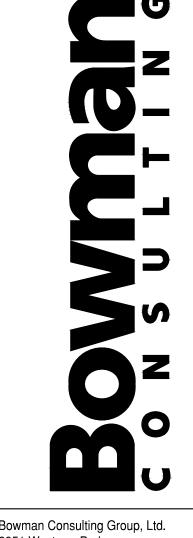
— STEPS (AS REQUIRED) SET IN LINE 12" TO 16" C-C.

TAPER REDUCER

R-3

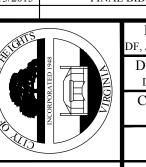
SPECIFICATION REFERENCE





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SUBMITTAL DATE REVISION PROGRESS SET BID SET FINAL BID SET



ALTERNATE JOINT DETAIL

**V**DOT

ROAD AND BRIDGE STANDARDS REVISION DATE SHEET 1 OF 1 103.10

1. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON WEEP HOLES, STEP REQUIREMENTS, "H" (LIN. FT. FOR MANHOLES) DIMENSIONS, ETC.

2. ALL REDUCER AND RISER UNITS ARE TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF AASHTO M199.

6. DIMENSIONS SHOWN ARE MINIMUM. ACTUAL DIMENSIONS MAY VARY WITH MANUFACTURER.

TONGUE AND GROOVE JOINT TO BE OF FABRICATOR'S DESIGN MEETING THE APPROVAL OF THE ENGINEER. JOINTS ARE TO BE SEALED WITH MORTAR, O-RING GASKETS, OR BUTYL RUBBER.

8. WHEN USING R-2 FLAT SLAB, HEIGHT OF STRUCTURE FROM THE SLAB UP TO THE FINISHED GRADE ELEVATION IS LIMITED TO A MAXIMUM OF 25'.

DESIGNED DF, JW, MT CHECKED SF, JJ SCALE

MPROVEMENTS DETAILS

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> SHEET NO. 7 OF 31